

ENVS Single Major with a Concentration in Geographic Information Systems

Required Courses Checklist

Name: _____

SID: _____

To Declare the Major, a student must have successfully completed the following lower-division courses:

- **ENVS 23** The Physical & Chemical Environment or **CHEM 3B/L** General Chemistry
 - **ENVS 24** General Ecology or **BIOE 20C** Ecology & Evolution
 - **ENVS 25** Environmental Policy & Economics
 - **STAT 7/L** Statistical Methods for the Biological, Environmental, and Health Sciences
- **Four-year students** must declare a major by the end of their Sophomore year (or 6th quarter).
 - **Transfer students** must declare a major by the end of their second quarter.

All courses listed below are required for graduation in the major.

The major is comprised of 15 courses: 6 lower divisions, and 9 upper divisions.

LOWER DIVISION REQUIREMENTS (6 courses)

- ENVS 23** The Physical & Chemical Environment (Spring and Summer only) or **CHEM 3B/L** General Chemistry
- ENVS 24** General Ecology (Fall and Summer only) or **BIOE 20C** Ecology & Evolution
- ENVS 25** Environmental Policy & Economics (Winter and Summer only)
- AM 3** Precalculus for the Social Sciences or **ALEKS MPE** of 300+ or **AP CALC** of 3+
- STAT 7/L** Statistical Methods for the Biological, Environmental, and Health Sciences
- One of the following:** **SOCY** 1, 10, 15, **ANTH** 2, **PHIL** 22, 24, 28, 80G

UPPER DIVISION REQUIREMENTS (9 courses)

In order to enroll in ENVS upper divisions, students **must be enrolled in or have completed ENVS 100/L**.

- ENVS 100/L** Ecology and Society (Winter and Spring only)
***Prerequisites:** Students must have completed the lower divisions above, in addition to Writing 2, before enrolling in ENVS 100/L.*
- ENVS 115A/L** Geographic Information Systems & Environmental Applications (Fall)
- ENVS 115B** Intermediate Geographic Information Systems (Winter)
- ENVS 115C** Advanced Geographic Information Systems (Spring)
- 1 ENVS** upper division based in the **Social Sciences** _____
Social Science ENVS upper divisions: ENVS 110, 130B, 140, 141, 143, 144, 145, 146, 147, 149, 150, 151, 152, 153, 154, 158, 165, 172, 173, 174, 176, 178
- 1 ENVS** upper division based in the **Natural Sciences** _____
Natural Science ENVS upper divisions: ENVS 104A/L, 106, 107, 108, 109, 120, 121, 122, 123, 125, 129, 130A, 130C, 131, 133, 135, 160, 161A, 162, 163, 164, 166, 167, 168, 169, 170
- 1 ENVS** upper division **of your choice** _____

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1 Senior Exit***

*** Your senior exit is satisfied by completing one of the following:

- **ENVS 196:** Advanced Topics in Geographic Information Systems - Spring
- **ENVS 195A + ENVS 195B:** Senior Thesis
- **ENVS 183A + ENVS 183B:** Senior Internship

All senior exits **must be focused** on the topic of Geographic Information Systems.

DC Requirement is satisfied upon completion of ENVS 100/L and a senior exit.

Pre-requisites for senior exit:

- 135 units (Senior Standing)
- 3 upper divisions completed
- ENVS 100/L completed
- Must be taken for a letter grade.

ENVS Major Declaration Advising with Faculty:

After attending a major declaration workshop, meet with an ENVS faculty member to discuss the following:

Advising checklist:

- Discuss student's interests and career goals
- Opportunities for internships and independent research
- Senior Exit options
- Review paperwork
 - Prerequisites taken or planned BEFORE ENVS 100/L
 - Electives reflect a focus and student's intellectual and career goals

Student Signature: _____ Date: _____

Faculty Signature: _____ Date: _____